

Mail Stop: PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attorney's Ref: ABBUM/266/US

Date: November 18, 2003

Sir:

Transmitted herewith for filing is the (X) utility () design patent application of

Inventor(s): Charles Sumner

For: Production of Propylene from Steam Cracking of Hydrocarbons, Particularly Ethane

22241 U.S. PTO
10/716232



Enclosed are:

(X) 25 sheets of specification including claims and abstract.

(X) 6 sheets of drawings, Figs. 1 to 6.

() An assignment of the invention to _____.

() A certified copy of a _____ application.

(X) An unsigned Inventors' Declaration and power of attorney.

() A preliminary amendment.

The filing fee has been calculated as shown below:

() design application for () small entity = \$170 () not small entity = \$340

(X) utility application

	No. Filed	No. extra	Small Entity Rate	Fee	Not Small Entity Rate	Fee
Basic Fee				\$385 OR		\$770
Total Claims	41	- 20 = 21	x	9 =	OR x	18 = 378
Indep. Claims	2	- 3 = 0	x	43 =	OR x	86 =
Multiple Dependent Claims Presented			+	145 =	OR +	290 =
			TOTAL =		TOTAL =	1,148

(XX) A check in the amount of \$ 1,148.00 to cover the filing fee is enclosed.

() Please charge my Deposit Account No. 16-2563 in the amount of \$_____ to cover the filing fee. A duplicate of this sheet is enclosed.

(XX) The Commissioner is hereby authorized to charge any additionally required filing fees under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. 16-2563. A duplicate copy of this sheet is enclosed.

() The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 required during the pendency of this application and to credit any overpayment to Deposit Account No. 16-2563. A duplicate copy of this sheet is enclosed.

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I, Kathleen C. Stuart, hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on November 18, 2003, and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen C. Stuart